

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: ILLINOIS GAS CO.	Operator ID#: 8030
Inspection Date(s): 1/20/2015	Man Days: 1
Inspection Unit: ILLINOIS GAS - Olney	
Location of Audit: Olney	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Aaron McElravy	
Company Representative to Receive Report: Brad Raley	
Company Representative's Email Address: bradr@ilgas.com	

Headquarters Address Information:	1927 Miller Drive Olney, IL 62450 Emergency Phone#: (618) 395-8588 Fax#:	
Official or Mayor's Name:	Roger Avery Phone#: (618) 395-8588 Email:	
Inspection Contact(s)	Title	Phone No.
Gary Compton	Compliance Manager	(618) 395-8588

Gas System Operations	Status
Gas Transporter	Texas Gas
Annual Report (Form 7100.1-1) reviewed for the year:	Satisfactory
Unaccounted for Gas	2.47%
Number of Services	11456
Miles of Main	362.87
Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
Operating Pressure (Feeder)	230psig
Operating Pressure (Town)	55psig
Operating Pressure (Other)	8-10" w.c.

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

MAOP (Feeder)		250psig
MAOP (Town)		60psig
MAOP (Other)		14" w.c.
Does the operator have any transmission pipelines?		No
Regulatory Reporting Records		Status
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter incidents or accidents requiring reporting in calendar years 2013 or 2014.</i>		
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter incidents or accidents requiring reporting in calendar years 2013 or 2014.</i>		
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter incidents or accidents requiring reporting in calendar years 2013 or 2014.</i>		
Did the operator have any plastic pipe failures in the past calendar year?		Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter plastic pipe or pipeline component failures calendar years 2013 or 2014.</i>		
Did the operator take action to mitigate safety concerns relating to the failure of the PE or pipeline components?		Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter plastic pipe or pipeline component failures calendar years 2013 or 2014.</i>		
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter safety related conditions requiring reporting in calendar years 2013 or 2014.</i>		
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Applicable
<u>General Comment:</u> <i>Illinois Gas did not encounter safety related conditions requiring reporting in calendar years 2013 or 2014.</i>		
[192.16(c)]	Customer Notification: Has the operator notified each new customer within 90 days about the customer's	Satisfactory

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	
DRUG TESTING		Status
Refer to Drug and Alcohol Inspection Forms and Protocols		Not Checked
<u>General Comment:</u>		
Staff did not conduct a Drug and Alcohol inspection during this audit, Staff completed a Drug and Alcohol inspection on February 26-28, 2013 (Inspection # 2013-P-00059).		
TEST REQUIREMENTS		Status
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Satisfactory
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	Satisfactory
UPRATING		Status
<u>Category Comment:</u>		
Illinois Gas did not uprate any part of the system in 2013 or 2014		
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Applicable
OPERATIONS		Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Satisfactory
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		Yes
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
<u>General Comment:</u>		
All operating personnel have access to maps and records.		
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
<u>General Comment:</u>		
Staff reviewed employee field evaluations for calendar years 2013 and 2014.		

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

CONTINUING SURVEILLANCE RECORDS		Status
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Satisfactory
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not contain cast iron pipelines.</i>		
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not contain cast iron pipelines.</i>		
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not contain cast iron pipelines.</i>		
[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not contain cast iron pipelines.</i>		
QUALIFICATION OF PIPELINE PERSONNEL		Status
Refer to operator Qualification Inspection Forms and Protocols		Not Checked
General Comment: <i>Staff previously conducted an OQ Plan review including associated records on Inspection # 2014-P-00045 conducted on January 30, 2014.</i>		
DAMAGE PREVENTION RECORDS		Status
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Satisfactory
Has the number of damages increased or decreased from prior year?		Increased
[192.603(b)][192.617]	Does the operator track records of accidents due to	Satisfactory

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	excavation damage to ensure causes of failures are addressed to minimize the recurrence?	
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Satisfactory
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		Not Applicable
General Comment:		
<i>Illinois Gas does not contract locating of facilities.</i>		
Do pipeline operators include performance measures in facility locating contracts?		Not Applicable
General Comment:		
<i>Illinois Gas does not contract locating of facilities.</i>		
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Satisfactory
Has the Operator adopted applicable sections of the Common Ground Alliance Best Practices?		No
If no, were Common Ground Alliance Best Practices discussed with Operator?		Yes
General Comment:		
<i>Staff discussed the Common Ground Alliance Best Practices with the operator, they have a current version for review.</i>		
EMERGENCY PLANS		Status
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Satisfactory
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Satisfactory
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Satisfactory
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Satisfactory
PUBLIC AWARENESS PROGRAM - RECORDS		Status

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Refer to Public Awareness Program Inspection Forms and Protocols		Not Checked
<u>General Comment:</u>		
<i>Staff previously conducted a Public Awareness audit March 4, 2014 (Inspection # 2014-P-00062).</i>		
ODORIZATION OF GAS		Status
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	Satisfactory
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
[192.603(b)][192.625(f)(1)]	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	Not Applicable
<u>General Comment:</u>		
<i>Illinois Gas is not a master meter.</i>		
[192.603(b)][192.625(f)(2)]	Has the master meter operator maintained documentation of sniff tests performed as required by this section?	Not Applicable
<u>General Comment:</u>		
<i>Illinois Gas is not a master meter.</i>		
PATROLLING & LEAKAGE SURVEY		Status
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	Satisfactory
<u>General Comment:</u>		
<i>Illinois Gas is conducting patrols in all areas 4 per year/ 4 1/2 month intervals.</i>		
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	Satisfactory
<u>General Comment:</u>		
<i>Illinois Gas is conducting patrols in all areas 4 per year/ 4 1/2 month intervals.</i>		
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	Satisfactory
[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	Satisfactory
YARD LINES - RESIDENTIAL		Status

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	Satisfactory
[192.463,220 ILCS 2.2.03][220 ILCS 2.2.03]	Has the operator determined if cathodic protection is required on these services?	Satisfactory
[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	Satisfactory
ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES		Status
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Satisfactory
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Satisfactory
[192.603(b)][192.727(d)]	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	Satisfactory
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Satisfactory
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
General Comment:		
<i>Illinois Gas does not contain pipelines meeting this requirement.</i>		
PRESSURE LIMITING AND REGULATION		Status
[192.603(b)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Satisfactory
[192.603(b)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Satisfactory
[192.603(b)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Satisfactory
[192.603(b)][192.741(a),192.741(b)]	Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating	Satisfactory

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	
[192.603(b)][192.741(c)]	If there were indications of abnormally high- or low-pressure, were actions taken to correct any unsatisfactory operating conditions?	Not Applicable
General Comment: <i>Illinois Gas did not encounter high or low pressures in calendar years 2013 or 2014.</i>		
[192.603(b)][192.743(a), 192.743(b), 192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	No
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	Not Applicable
General Comment: <i>Illinois Gas maintains documentation from Texas Eastern regarding the maximum pressure they could encounter downstream of the take point.</i>		
VALVE MAINTENANCE		Status
[192.603(b)][192.747(a), 192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	Satisfactory
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
General Comment: <i>Illinois Gas does not maintain vaults meeting this requirement.</i>		
Investigation Of Failures		Status
[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	Not Applicable
General Comment: <i>Illinois Gas did not encounter accidents or failures requiring analysis in calendar years 2013 or 2014.</i>		
WELDING OF STEEL PIPE		Status
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	Satisfactory
General Comment: <i>The welding procedures are located in the O&M Section 17, F Pages 14-40.</i>		
[192.603(b)][192.227, 192.229]	Does the operator have documentation of welder qualification as required?	Satisfactory
[192.807]	Does the operator have documentation of welder OQ records?	Satisfactory

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	Not Applicable
General Comment: <i>Illinois Gas did not conduct NDT testing of pipelines in calendar year 2013 or 2014.</i>		
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	Not Applicable
General Comment: <i>Illinois Gas did not conduct NDT testing of pipelines in calendar year 2013 or 2014.</i>		
JOINING OF MATERIAL OTHER THAN WELDING		Status
[192.603(b)][192.285]	Are persons making joints with plastic pipe qualified?	Satisfactory
[192.603(b)][192.287]	Are persons inspecting plastic pipe joints qualified?	Satisfactory
[192.603(b)][192.283]	Are qualified joining procedures for plastic pipe in place?	Satisfactory
General Comment: <i>The plastic joining procedures are located in Section 16, F Pages 12-15.</i>		
CORROSION CONTROL RECORDS		Status
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	Satisfactory
[192.491][192.459]	Has the operator maintained documentation of an examination when buried pipe was exposed?	Satisfactory
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not contain a rectifier or other impressed current power sources.</i>		
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Satisfactory

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not contain unprotected pipelines.</i>		
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	Satisfactory
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Satisfactory
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Satisfactory
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not transport corrosive gas.</i>		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Satisfactory
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Not Applicable
General Comment: <i>Illinois Gas distribution system does not transport corrosive gas.</i>		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	Satisfactory
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	Satisfactory
General Comment: <i>Illinois Gas did not replace pipelines in 2013 or 2014 due to external corrosion.</i>		

STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

TRAINING - 83 IL ADM. CODE 520		Status
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Satisfactory
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	Satisfactory
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Satisfactory
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Satisfactory